

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application. Applicants have submitted a new complete claim set showing marked up claims with insertions indicated by underlining and deletions indicated by strikeouts and/or double bracketing.

1. (Currently Amended) A method for delivering enhanced broadcast television content comprising the steps of:

receiving a plurality of data feeds over a first broadcast channel, the data feeds including television program data and Internet Protocol data;

creating a first indicator associated with a real-time event that occurs in at least one of a plurality of television programs;

creating a second indicator associated with at least a portion of the television program data;

creating a third indicator associated with at least a portion of the Internet Protocol data;

assigning an identifier to at least one of said plurality of television programs;

associating the identifier with the at least a portion of the television program data to associate the portion of the television program data with the at least one television program to which the identifier is assigned;

associating the identifier with the at least a portion of the Internet Protocol data to associate the at least a portion of the Internet Protocol data with the at least one television program to which the identifier is assigned;

assigning a first priority level to the first indicator;

assigning a second priority level, different from the first priority level, to the second indicator;

assigning a third priority level, different from the first and second priority levels, to the third indicator,

wherein the first, second and third priority levels are assigned based on a determination

of whether the indicators correspond to real time data, television program data, and Internet Protocol data, respectively;

delivering the plurality of television programs over a second broadcast channel;

delivering the first indicator and ~~associated~~ the identifier to at least one client system in real-time based on the first assigned priority level;

delivering the second indicator and associated identifier to the at least one client system in a fast mode based on the second assigned priority level; and

delivering the third indicator and associated identifier to the at least one client system in a normal mode based on the third assigned priority level,

~~wherein said event indicates a real time event occurring in a televised event,~~

wherein the first indicator corresponds to a delivery of an alert that an event indicated as being of interest to a viewer is about to occur in ~~the televised event~~ a television program of the plurality of television programs, the alert being a tunable alert, and

wherein each of the first, second, and third priority levels corresponds respectively to a time at which the associated first, second, or third indicator is to be transmitted to said at least one client system,

wherein each of the first, second and third indicators and associated identifiers are delivered to the at least one client system according to their respective priority levels over independent channels, each independent channel corresponding to a different one of the first, second or third priority levels, and wherein the first, second and third indicators and associated identifiers are ~~capable of being~~ transmitted to the at least one client system simultaneously via the independent channels;

receiving a user's selection of the tunable alert; and

in response to the user's selection of the tunable alert, tuning to the television program corresponding to the tunable alert.

2. Canceled.

3. (Currently amended) The ~~invention as in~~ method of claim 1 wherein delivering

PATENT

said third indicator and associated identifier includes transmitting to the at least one client system the third indicator and associated identifier in a trickle stream of the second broadcast channel.

4. (Canceled)

5. (Canceled)

6. (Canceled)

7. (Canceled)

8. (Canceled)

9. (Currently amended) The ~~invention as in~~ method of claim 1 wherein said alert is ~~capable of configured to automatically invoke~~ invoking an action when delivered to the at least one client system, the action comprising recording only beginning or ending portions of all television programs of a user-selected type.

10. (Canceled)

11. (Currently amended) The ~~invention as in~~ method of claim 1 wherein ~~said first and second indicators correspond to sports television programming currently in progress~~ said alert is configured to automatically invoke an action when delivered to the at least one client system, the action comprising extending a recording of one of the plurality of television programs.

12-13. (Canceled)

14. (Currently amended) The ~~invention as in~~ method of claim 1 wherein said identifier is a unique event identifier associated with a televised news item.

Amendment
Application Number: 09/904,409
Attorney Docket Number: 164052.03
Filing Date: July 12, 2001

15. (Currently Amended) A method for creating a plurality of data streams associated with televised sporting events comprising the steps of:

generating first event-based content associated with a first one of a plurality of televised sporting events, the first event-based content occurring in real-time, wherein the first event-based content comprises an alert that an event indicated as being of interest to a viewer is about to occur in the first one of the plurality of televised sporting events;

associating the first event-based content with a first event identifier;

assigning a first priority to said first event-based content;

creating a first data stream including the first event-based content and the first event identifier;

generating second event-based content associated with a second one of a plurality of televised sporting events, the second event-based content including daily changing information;

associating the second event-based content with a second event identifier;

assigning a second priority to the second event-based content, the second priority being different from the first priority, wherein the first and second priority are assigned based on the content of the first and second event-based content;

creating a second data stream including the second event-based content and the second event identifier;

wherein each of the first and second data streams are delivered to a client system according to priorities assigned to the respective first and second event-based content over first and second independent channels, the first independent channel corresponding to the first priority and the second independent channel corresponding to the second priority, and wherein the first and second data streams are ~~capable of being~~ simultaneously transmitted to the client system ~~via the independent channels simultaneously.~~

16. (Currently Amended) A television broadcast service providing dynamic information associated with a plurality of broadcast television programs concerning sporting

events comprising:

a broadcast center for collecting a multiplicity of live data feeds associated with the sporting events;

an event producer connected to the broadcast center for assigning each of the data feeds one of a set of priority attributes, a first data feed having a priority level of a real-time level, a second data feed having a priority level of a fast level which is less than the real-time level, a third data feed having a priority level of a normal level which is less than the fast level, and a fourth data feed having a priority level of a low level which is less than the normal level, wherein the priority levels of the first, second, third and fourth data feeds are based on the content of the respective data feeds, formatting the data feeds for a one-way broadcast transmission, sorting the data feeds according to their assigned priority attributes, and outputting the sorted data feeds;

a content aggregator cascaded with the event producer for aggregating the output data feeds from the event producer, generating a stream of broadcast content based on the aggregated data feeds, and sending the stream of broadcast content based on the aggregated data feeds to a client system,

wherein each of the first, second, third and fourth data feeds are delivered to the client system according to their respective priority levels over independent channels, wherein the first, second, third and fourth data feeds are ~~unable to be~~ transmitted to the client system simultaneously over the independent channels and each independent channel corresponds to a different one of the priority level of the real-time level, the priority level of the fast level, the priority level of the normal level, or the priority level of the low level.

wherein the broadcast content of the first data feed comprises at least one alert notification associated with a broadcast sporting event that an event indicated as being of interest to a viewer is about to occur in the broadcast sporting event.

17. (Currently Amended) The ~~invention~~ service of claim 16 wherein the broadcast content of the first data feed comprises real-time event notifications associated with the plurality of broadcast sporting events.

18. (Canceled)

19. (Canceled)

20. (Currently Amended) The ~~invention~~ service of claim 16 wherein the at least one alert notifications are capable of invoking notification is configured to automatically invoke an action when delivered to the client system, the action comprising at least one of a) recording only beginning or ending portions of all television programs of a user-selected type, or b) extending a recording to include an overtime portion of a sporting event.

21. (Canceled)

22. (Currently Amended) The ~~invention~~ service of claim 16 wherein the event producer is capable of generating event log indices for at least one of the plurality of television programs, encapsulating the event log indices, and inserting the same into the data stream.

23-29. (Canceled)

30. (Currently Amended) A method for delivering broadcast television programming related to sporting events and associated enhanced content comprising the steps of:

receiving broadcast television programming relating to sporting events;

generating a first dynamic content concerning an occurrence of a first event in the broadcast television programming;

generating a second dynamic content concerning another occurrence of a second event in the broadcast television programming, the second event indicating box scores of a sports game;

assigning a first event identifier to the first dynamic content associating the first dynamic content to a first program in the broadcast television programming to create a tunable alert, wherein the tunable alert comprises an alert that an event indicated as being of interest to a

viewer is about to occur in the first program;

assigning a second event identifier to the second dynamic content associating the second dynamic content to a second program in the broadcast television programming;

assigning a real-time priority level to the tunable alert;

assigning a fast priority to the second event identifier, the fast priority level being lower than the real-time priority, wherein the real-time priority and the fast priority are assigned based on the content of the first and second dynamic content; and

delivering the tunable alert together with at least a portion of the broadcast television programming to one or more client devices; and

delivering the second event identifier to the one or more client devices,

wherein each of the tunable alert and the second event identifier are delivered to the one or more client devices according to their respective priority levels separately over independent channels, wherein the tunable alert and the second event identifier are ~~capable of being~~ transmitted to the one or more client devices simultaneously via the independent channels.

31. (Previously Presented) The method as in claim 30 further comprising the steps of:

creating a listing of a plurality of sporting events;

assigning a normal event identifier to at least respective ones of the sporting events to create an enhanced sports television schedule; and

delivering the enhanced sports television schedule to the one or more client devices.

32. (Previously Presented) The method as in claim 31 further comprising the steps of:

periodically updating the enhanced sports television schedule; and

delivering an updated enhanced sports television schedule to the one or more client devices.

33. (Currently Amended) The ~~invention as in~~ method of claim 1 further comprising

creating a fourth indicator associated with at least another portion of the Internet Protocol data, associating the identifier with the at least another portion of the Internet protocol data, assigning a fourth priority level, different from the first, second, and third priority levels, to the fourth indicator, and delivering the fourth indicator and associated identifier to the at least one client system in a low mode based on the fourth assigned priority level.

34. (Currently Amended) The ~~invention as in~~ method of claim 1 wherein at least another portion of the Internet protocol data includes substantially static information.

35. (Currently Amended) The ~~invention as in~~ method of claim 1 wherein the at least a portion of the television program data includes a box score of a game currently in progress.

36. (Currently Amended) The ~~invention as in~~ method of claim 1 wherein the at least a portion of the Internet Protocol data includes daily information.

37. (Currently Amended) The ~~invention as in~~ service of claim 17 wherein the second data feed comprises box scores of a sport game currently in progress.

38. (Currently Amended) The ~~invention as in~~ service of claim 37 wherein the third data feed comprises daily information from an Internet Protocol data feed.

39. (Currently Amended) The ~~invention~~ service of claim 38 wherein the fourth data feed comprises substantially static information from the Internet Protocol Data feed.

40. (Currently Amended) A method for managing bandwidth in a system for displaying enhanced broadcast television content comprising the steps of:

a) receiving a plurality of data feeds in accordance with an associated priority level, a portion of each data feed having an associated event identifier, and each event identifier having an associated priority level wherein a first event identifier of a first data feed is assigned a real-

time priority level based on a first content of the first data feed to enable the associated portion of the data feed to be received at a highest priority, and a second event identifier of a second data feed is assigned a priority level based on a second content of a second data feed, the second priority level being selected from a group consisting of: a fast priority level, a normal priority level, and a low priority level, where a portion of a data feed assigned a fast priority level is given more precedence in delivery than portions of data feeds assigned the normal priority level, where a portion of a data feed assigned a normal priority level is given more precedence in delivery than portions of data feeds assigned the low priority level,

wherein the portion of the data feed associated with the first event identifier indicates an alert that an event indicated as being of interest to a viewer is about to occur in a broadcast television content of the first data feed;

- b) associating the portions of data feeds having a common event identifier; and
- c) displaying a user interface for an event associated with the common event identifier, the user interface comprising information representing the associated portions of data feeds for the event.

wherein each of the first and second data feeds are separately delivered to a client system according to the priority levels assigned to the respective first and second event identifiers, wherein the first and second data feeds are ~~capable of being~~ transmitted to the client system simultaneously.

41. (Canceled)

42. (Previously Presented) The method of claim 40 wherein the second priority level is a fast priority level, and the portion of the data feed associated with the second event identifier indicates a score of a television program.

PATENT

43. (Previously Presented) The method of claim 40 wherein the second priority level is a normal priority level, and the portion of the data feed associated with the second event identifier indicates a news article.

44. (Previously Presented) The method of claim 40 wherein the second priority level is a low priority level, and the portion of the data feed associated with the second event identifier indicates static information.

45. (New) The method of Claim 11, wherein the action comprises extending the recording to include an overtime portion of a sporting event.